



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of Lee Weng, et al.

For: **USE OF FOCUSED ULTRASOUND
FOR VASCULAR SEALING**

Application Serial No.: Not Yet Assigned

Filed: July 10, 2003

Attorney Docket No.: THRSP-0002-0001

Examiner: Not yet assigned

Group Art Unit: Not yet assigned

**UTILITY
PATENT APPLICATION
TRANSMITTAL**
(PTO/SB/05 (03-01))

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
<p>1. <input type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input type="checkbox"/> Specification [Total Pages: <u> </u>] <i>Preferred arrangement set forth below</i></p> <ul style="list-style-type: none">- Descriptive title of the invention- Cross Reference to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table,- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings <i>(if filed)</i>- Detailed Description- Claim(s)- Abstract of the Disclosure <p>4. <input type="checkbox"/> Drawing(s). See 35 U.S.C. 113 [Total Sheets: <u> </u>]</p> <p>5. <input type="checkbox"/> Oath or Declaration [Total Pages: <u> </u>]</p> <ul style="list-style-type: none">a. <input type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 18 completed)</i>c. <input type="checkbox"/> DELETION OF INVENTOR(S)<ul style="list-style-type: none">i. Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>7. <input type="checkbox"/> CD ROM or CDR In Duplicate</p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence <i>(if applicable, all necessary)</i></p> <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Formb. Specification Sequence Listing On:<ul style="list-style-type: none">i. <input type="checkbox"/> CD ROM or CD-R (2X); orii. <input type="checkbox"/> Paperc. <input type="checkbox"/> Statements verifying identity of above copies	<p>9. <input type="checkbox"/> Assignment Papers <i>(Cover sheet & document(s))</i></p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Atty</p> <p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement <i>(PTO-1449)</i> <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input type="checkbox"/> Return Receipt Postcard <i>(MPEP 503)</i> <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Non-publication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other:</p>

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation

☐ Divisional

☐ Continuation-in-part (CIP)

Prior application information:

of prior application No.: 09/696,076

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

Group Art Unit: 3742

Examiner: Shawntina T. Fuqua

19. Correspondence Address:

☒ Customer No. 36,309

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Customer No. Label Here

☐ OR Address Below

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20. Respectfully Submitted By:

Name: Sheldon K. Lee

Attorney Registration No.: 53,197

Signature:



Date:

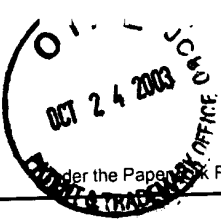
October 13, 2003

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

SHEET 1 OF 5

Complete if Known

Application Number	NOT YET ASSIGNED
Customer Number	36, 309
Filing Date	7/10/2003
First Named Inventor	LEE ET AL.
Attorney Docket Number	THRSP-0002-0001
Examiner Name	NOT YET ASSIGNED
Art Unit	NOT YET ASSIGNED

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Cloumns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,206,763	06/10/1980	Penderson	All
		US- 4,237,901	12/09/1980	Taenzer	All
		US- 4,484,569	11/27/1984	Driller, et al.	All
		US- 4,748,985	06/07/1988	Nagasaki	All
		US- 4,273,127	06/16/1981	Auth et al.	All
		US- 4,784,148	11/15/1988	Dow, et al.	All
		US- 4,850,363	07/25/1989	Yanagawa	All
		US- 4,905,672	03/06/1990	Schwarze, et al.	All
		US- 4,913,155	04/03/1998	Dow, et al.	All
		US- 4,929,246	05/29/1990	Sinofsky	All
		US- 4,931,047	06/05/1990	Broadwin, et al.	All
		US- 4,938,217	07/03/1990	Lele	All
		US- 4,957,099	09/18/1990	Hassler	All
		US- 5,026,387	06/25/1991	Thomas	All
		US- 5,036,855	08/06/1991	Fry et al.	All
		US- 5,080,101	01/14/1992	Dory	All
		US- 5,080,102	01/14/1992	Dory	All
		US- 5,178,135	01/12/1993	Uchiyama et al.	All

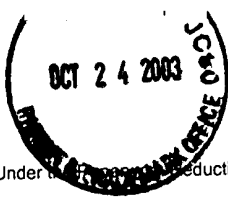
FOREIGN PATENT DOCUMENTS

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SHEET 2 OF 5

Application Number	NOT YET ASSIGNED
Customer Number	36309
Filing Date	7/10/2003
First Named Inventor	LEE WENG, ET AL
Art Unit	NOT YET ASSIGNED
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	THRSP-0002-0001

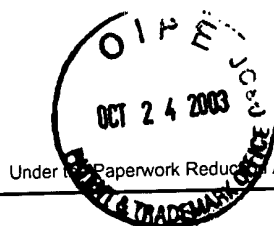
NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
		SHARAM VASEY, ET AL., "Hemostasis of Punctured Blood Vessels Using High Intensity Focused Ultrasound," Ultrasound in Med. & Biol., Vol. 24, No. 6, pp. 903-910, 1998, USA	
		ROY W. MARTIN, ET AL., "Hemostasis of Punctured Vessels Using Doppler-Guided High Intensity Ultrasound," Ultrasound in Med. & Biol., Vol. 25, pp. 985-990, 1999, USA.	

Examiner Signature	Date Considered
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Filing Date	7/10/2003
First Named Inventor	LEE ET AL.
Attorney Docket Number	THRSP-0002-0001
Examiner Name	NOT YET ASSIGNED
Art Unit	NOT YET ASSIGNED

	US- 5,233,994	08/10/1993	Shmulewiz	All
	US- 5,263,957	11/23/1993	Davison	All
	US- 5,243,988	09/14/1993	Sieben et al.	All
	US- 5,290,278	03/01/1994	Anderson	All
	US- 5,364,389	11/15/1994	Anderson	All
	US- 5,383,896	01/24/1995	Gershony et al.	All
	US- 5,415,657	05/16/1995	Taymor-Luria	All
	US- 5,454,373	10/03/1995	Koger et al.	All
	US- 5,471,988	12/05/1995	Fujio et al.	All
	US- 5,492,126	02/20/1996	Hennige et al.	All
	US- 5,507,744	04/16/1996	Tay et al.	All
	US- 5,630,837	05/20/1997	Crowley	All
	US- 5,643,179	06/01/1997	Fujimoto	All
	US- 5,666,954	09/16/1997	Chapelon et al.	All
	US- 5,695,493	12/09/1997	Nakajima et al.	All
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	US- 5,735,796	04/07/1998	Granz et al.	All
	US- 5,738,635	04/14/1998	Chapelon et al.	All
	US- 5,762,066	06/09/1998	Law et al.	All
	US- 5,769,790	06/23/1998	Watkins et al.	All

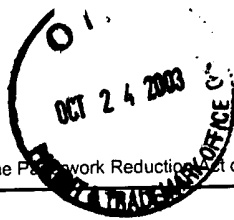
FOREIGN PATENT DOCUMENTS

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Art Unit	NOT YET ASSIGNED

	US- 5,788,636	07/04/1998	Curley	All
	US- 5,810,810	09/22/1998	Tay et al.	All
	US- 5,824,015	10/20/1998	Saw yer	All
	US- 5,827,268	10/27/1998	Laufer	All
	US- 5,873,828	02/28/1999	Fujio et al.	All
	US- 5,882,302	03/16/1999	Driscoll Jr. et al.	All
	US- 5,904,659	05/18/1999	Duarte et al,	All
	US- 5,957,849	09/28/1999	Munro	All
	US- 5,964,782	10/12/1999	Lafontaine et al.	All
	US- 5,993,389	11/30/1999	Driscoll Jr. et al.	All
	US- 6,083,159	07/04/2000	Driscoll Jr. et al.	All
	US-6,007,499	12/28/1999	Martin et al.	All
	US- 6,182,341	02/06/2001	Talbot et al.	All
	US- 6,206,843	03/27/2001	Iger et al.	All
	US- 6,217,530	04/17/2001	Martin et al.	All
	US- 6,254,601	07/03/2001	Burbank et al.	All
	US- 6,315,441	11/13/2001	King	All
	US- 6,419,669	07/16/2002	Frazier et al.	All
	US- 6,432,067	08/13/2002	Martin et al.	All
	US- 6,500,133	12/31/2002	Martin et al.	All

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SHEET 5 OF 5

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Customer Number	36, 309
Filing Date	7/10/2003
First Named Inventor	LEE ET AL.
Attorney Docket Number	THRSP-0002-0001
Examiner Name	NOT YET ASSIGNED
Art Unit	NOT YET ASSIGNED

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Cloumns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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